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1. NDN 175-0126-3229-2: Method and an apparatus for bringing together and joining cards and printed card carriers PATENT NUMBER- 05715653

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**1. Method and an apparatus for bringing together and joining cards and printed card carriers**  
PAT 02-10-98 05715653 NDN- 175-0126-3229-2

INVENTOR(S)- Weinmann, Karlheinz; Schmid, Eduard ; Watzek, Thomas

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EXEMPLARY CLAIMS- 17

FIGURES- 5

ART/GROUP UNIT- 321

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INVENTOR COUNTRY/ZIPCODE- DEX; DEX; DEX

**PATENT ASSIGNEE(S)**- Boewe Systec AG  
**ASSIGNEE CITY**- Augsburg  
**ASSIGNEE COUNTRY**- DEX  
**ATTORNEY, AGENT, OR FIRM**- Wolf, Greenfield & Sacks, P.C.  
**U.S. PATENT CLASS**- 0534110000  
**U.S. CLASSIFICATION REFS.**- X053131200; X053055000; X364478090  
**INTERNATIONAL PATENT CLASS**- 6B65B06102  
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A method of bringing together and joining cards, which are provided with an identification mark, and printed card carriers associated with the respective cards, comprises the steps of: providing the card; detecting the identification mark of the card; associating a print job number with the card; reading a data base by means of the identification mark; printing on the card carrier data read from the data base as well as the print job number; detecting the print job number of the card carrier prior to joining the card carrier to the card; determining whether the print job number of the card, which is about to be joined to the card carrier, corresponds to the print job number detected in the preceding step; and, provided that the print job number of the card and that of the card carrier correspond, bringing together and joining the card and the card carrier.

**EXEMPLARY CLAIMS**- Claim- 17. A system which is used for bringing together and joining cards, which are personalized and provided with an identification mark, and printed card carriers associated with the respective cards and which is used for packing the cards having applied thereto the card carriers, said system comprising: a tower of cards comprising the cards; a processing means which detects the identification mark of the card and which associates a print job number with said card, the print job number being not unequivocally associated with data related to a card holder; a data base from which data can be read addressable by said identification mark; a feed device containing non-personalized paper sheets which have already been preprinted; a first rerouting means fed by said feed device; an ink-jet printing unit which receives the preprinted, non-personalized paper sheets from said first rerouting means and which prints the card carrier on the basis of the data received from the processing means and provides said card carrier with the print job number; a second rerouting means receiving the printed card carriers; a transverse folding means; a reader which detects the print job numbers of the card carrier and transmits said numbers to the processing means, and which determines whether the transmitted print job number of the card carrier corresponds to that of the card which is about to be joined to the card carrier; an application means which is connected to the processing means and which is used for bringing together and joining the card and the card carrier, said application means discharging the card carrier plus card, if the print job numbers of said card and of said card carrier correspond; and a device for packing the card having applied thereto the card carrier.

NO-DESCRIPTORS .

#### AUTHOR INDEX

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